



September 30, 1969

State of New Mexico
Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Dan S. Nutter

Gentlemen:

As a result of a hearing before the Commission on October 23, 1968, Order No. R-3550 was issued authorizing Champlin Petroleum Company to operate a waterflood project on the Lauck Federal Lease, Section 29, T-7-S, R-33-E, Chaveroo-San Andres Pool, Roosevelt County, New Mexico. The Lauck-Federal No. 12, located in Unit J of this section, was designated as the initial injection well. Cumulative water input into this well since initial injection January 14, 1969, is 96,405 barrels through August, 1969. The present injection rate is approximately 415 BWPd at 890 psig.

As a result of this water injection, we are now experiencing a production response in wells offsetting the injector. As shown on the attached form C-116, production from the project area has increased from 40 BOPD and 71 BWPd before response to 85 BOPD and 245 BWPd after response. Because of this production increase, Champlin requests Administrative Approval to expand this project by converting Lauck-Federal No. 10, located in Unit L of Section 29, T-7-S, R-33-E, Chaveroo-San Andres Pool, Roosevelt County, New Mexico, to water injection.

In support of this application, the following data is submitted:

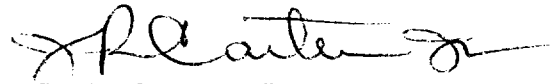
Form C-108
Form C-116
Plat of Area
Diagrammatic Sketch of Proposed Injection Well
Log of Proposed Injection Well
Waiver Request to Offset Operators

In accordance with Commission Rules and Regulations, a copy of the Application has been mailed this date to all operators offsetting the proposed injection well. Additionally, it has been requested of these operators, as well as the surface owner of the land, to waive any objection to the conversion of this well to water injection and to so indicate by mailing an executed copy of the Waiver Request to the Commission in Santa Fe.

As was mentioned above, Administrative Approval of this Application is respectfully requested. If additional information is needed, please advise.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

A handwritten signature in dark ink, appearing to read "J. R. Carter, Jr.", with a stylized flourish at the end.

J. R. Carter, Jr.
District Engineer

JRC/jk
Attachments:

cc: Mr. Joe Ramey
Oil Conservation Commission
P.O. Box 1980
Hobbs, New Mexico 88240

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Champlin Petroleum Company		ADDRESS P.O. Box 872 - Midland, Texas 79701	
LEASE NAME Lauck-Federal	WELL NO. 10	FIELD Chaveroo (San Andres)	COUNTY Roosevelt
LOCATION UNIT LETTER L ; WELL IS LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 29 TOWNSHIP 7-S RANGE 33-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8"	365	225	Surface	Circulated
INTERMEDIATE					
LONG STRING	4-1/2"	4438	325	3180'	80% Vol. Calc.
TUBING	2-3/8"	4100	NAME, MODEL AND DEPTH OF TUBING PACKER Baker AD-1 Tension Packer		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 3533'		BOTTOM OF FORMATION 4438' Total Depth
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 4186-4340'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Producer			HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH None					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 170'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 450	MINIMUM 450	MAXIMUM 700	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 900
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State of New Mexico, Dept. of Game & Fish, State Capital, Santa Fe, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Tom S. Schneider, 201 V&J Tower Bldg., Midland, Texas Geror Oil LTD., 1846 E. Broadway, Tucson, Arizona					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes					
SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes		THE NEW MEXICO STATE ENGINEER No	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes		ELECTRICAL LOG Yes		DIAGRAMMATIC SKETCH OF WELL Yes	

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Walter M. Randolph
(Signature)

District Clerk
(Title)

9-29-69
(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

Operator		Pool		County											
Champlin Petroleum Company		Chaveroo (San Andres)		Roosevelt											
Address		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐		Special ☒									
P.O. Box 872 - Midland, Texas 79701															
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE IN INCHES	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.		
		U	S	T						R	WATER BBL.	GRAV. OIL		OIL BBL.	GAS M.C.F.
Lauck-Federal Water Flood Project Wells 1, 2, 3, 4, 6, 7, 11 & 13 (Water Injection Well No. 12).	1	P	29	7-S	33-E	Before Response									
	2	I	29	7-S	33-E	6-21-69	P 8-32	40	12	24	13	26	12	19	
	3	H	29	7-S	33-E	7-3-69	P 6-32	40	4	24	6	26	2	2	
	4	O	29	7-S	33-E	6-22-69	P 6-32	40	4	24	2	26	1	2	
	6	G	29	7-S	33-E	6-20-69	P 5-32	40	6	24	13	26	2	4	
	7	F	29	7-S	33-E	6-30-69	P 5-38	40	4	24	12	26	2	4	
	-11	K	29	7-S	33-E	6-29-69	P 5-38	40	6	24	10	26	2	4	
	13	N	29	7-S	33-E	6-23-69	P 5-38	40	7	24	7	26	7	15	
							6-25-69	P 5-32	40	5	24	8	26	29	
	Total								48		71		40		
		1	P	29	7-S	33-E	After Response								
		2	I	29	7-S	33-E	9-16-69	P 8-48	40	12	24	23	26	9	10
		3	H	29	7-S	33-E	9-17-69	P 9-48	45	20	24	24	26	14	9
4		O	29	7-S	33-E	9-18-69	P 12-34	40	21	24	26	26	16	9	
6		G	29	7-S	33-E	9-19-69	P 10-54	45	2	24	25	26	9	17	
7		F	29	7-S	33-E	9-23-69	P 13-54	45	15	24	84	26	4	9	
-11		K	29	7-S	33-E	9-24-69	P 12-46	45	2	24	58	26	22	10	
13		N	29	7-S	33-E	9-26-69	P 8-54	45	7	24	2	26	5	18	
							9-25-69	P 5-48	45	12	24	3	26	14	
Total									91		245		85		

No well will be assigned an allowable greater than the amount of oil produced on the official test.

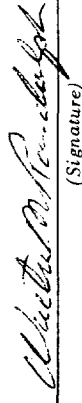
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.


 (Signature)
 District Clerk
 September 29, 1969
 (Date)

R 32 E

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T 7 S

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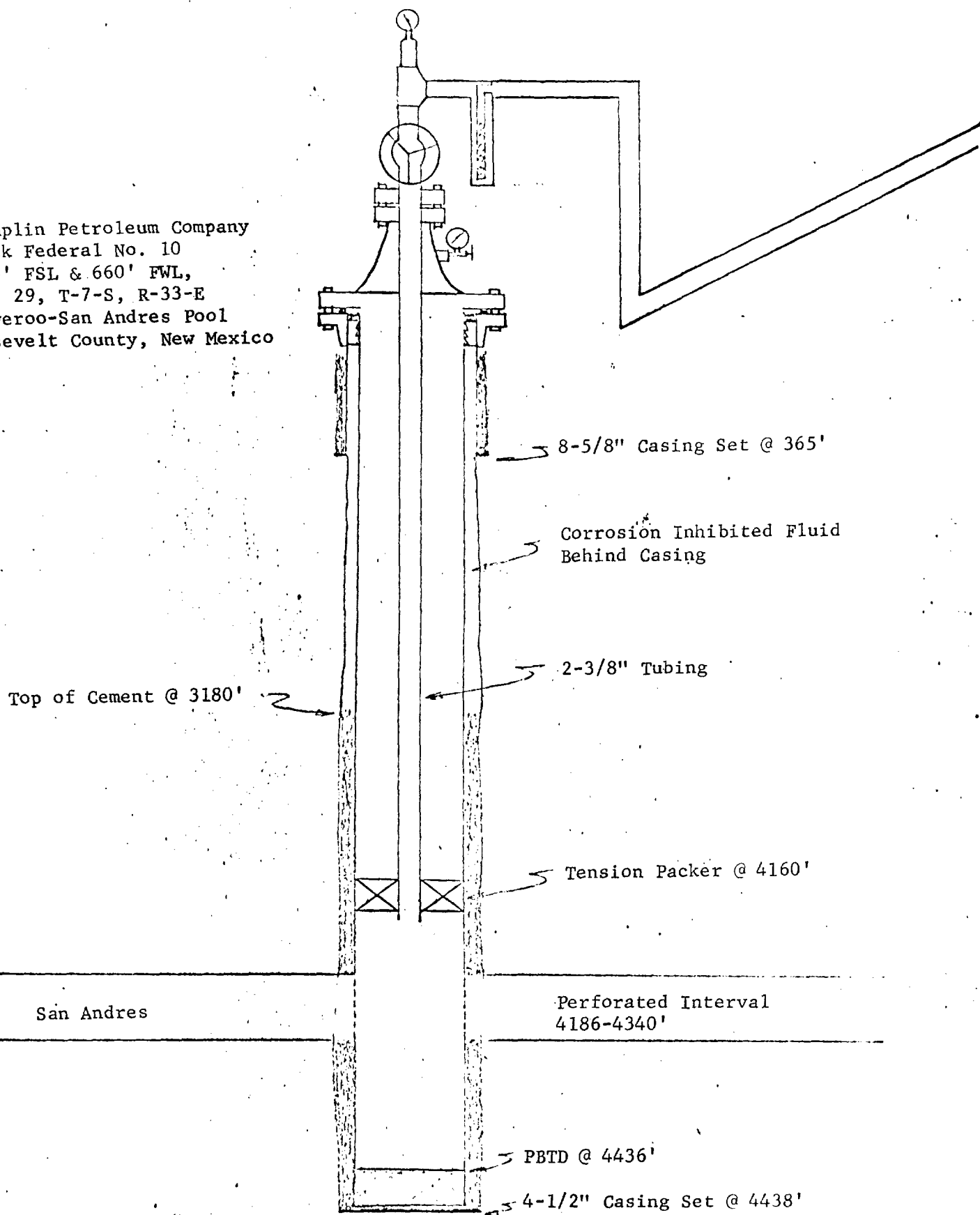
10

11

12

Champlin Petroleum Company
Lauck-Federal No. 10
1980' FSL & 660' FWL, Sec. 29
T-7-S, R-33-E,
Chaveroo-San Andres Pool
Roosevelt County, New Mexico
Proposed Water Injection Well

Champlin Petroleum Company
Lauck Federal No. 10
1980' FSL & 660' FWL,
Sec. 29, T-7-S, R-33-E
Chaveroo-San Andres Pool
Roosevelt County, New Mexico





September 30, 1969

OCT 14 1969

Re: Champlin Petroleum Company
Lauck-Federal No. 10
Chaveroo-San Andres Pool
Roosevelt Co., New Mexico

Mr. Tom Schnieder
201 V & J Tower Bldg.
Midland, Texas 79701

Geror Oil LTD
1846 E. Broadway
Tucson, Arizona 85700

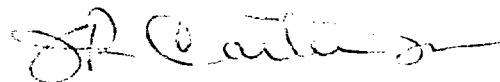
Gentlemen:

Champlin Petroleum Company proposes to convert the subject well, located in Unit L of Section 29, T-7-S, R-33-E, Chaveroo-San Andres Pool, Roosevelt County, New Mexico, to water injection. Attached for your review is a copy of Application Form C-108 and an area plat.

If you, as offset operator, have no objection to this Application, please execute two copies of this letter, forwarding one copy to the New Mexico Oil Conservation Commission in Santa Fe, New Mexico and returning one copy to our office in Midland. Included for your convenience are pre-addressed envelopes.

Yours very truly,

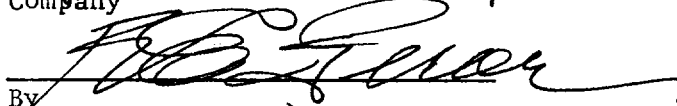
CHAMPLIN PETROLEUM COMPANY


J. R. Carter, Jr.
District Engineer

JRC/jk
Attachments:

APPROVED:


Company

By 

Date 10-8-69

CHAMPLIN
PETROLEUM COMPANY

September 30, 1969

322

OCT 14 1969

Re: Champlin Petroleum Company
Lauck-Federal No. 10
Chaveroo-San Andres Pool
Roosevelt Co., New Mexico

Mr. Tom Schnieder
406 N. Marienfeld
Midland, Texas 79701

Geror Oil LTD
1846 E. Broadway
Tucson, Arizona 85700

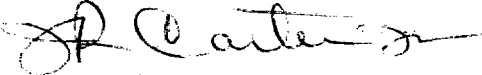
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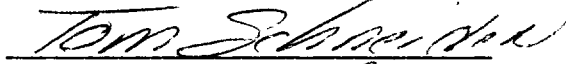
Yours very truly,

CHAMPLIN PETROLEUM COMPANY


J. R. Carter, Jr.
District Engineer

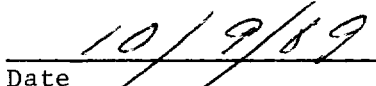
JRC/jk
Attachments:

APPROVED:



Company


By



Date



OCT 7 1969

September 30, 1969

Re: Champlin Petroleum Company
Lauck-Federal No. 10
Chaveroo-San Andres Pool
Roosevelt Co., New Mexico

State of New Mexico
Dept. of Game & Fish
State Capital
Santa Fe, New Mexico 87501

Gentlemen:

Champlin Petroleum Company proposes to convert the subject well, located in Unit L of Section 29, T-7-S, R-33-E, Chaveroo-San Andres Pool, Roosevelt County, New Mexico, to water injection. Attached for your review is a copy of Application Form C-108 and an area plat.

If you, as surface land owner, have no objection to this Application, please execute two copies of this letter, forwarding one copy to the New Mexico Oil Conservation Commission in Santa Fe, New Mexico and returning one copy to our office in Midland. Included for your convenience are pre-addressed envelopes.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

J. R. Carter, Jr.
District Engineer

JRC/jk
Attachments:

APPROVED:

~~N. M. Dept. of Game and Fish~~
~~Company~~

By ~~Director~~

October 6, 1969

Date